Appl. No. 10/065,295
Amdt. dated July 11, 2006
Reply to Office action of May 08, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

5   application:

Listing of Claims:

Claim 1 (Currently Amended): A method for filtering packets in a wireless network

10   system, the wireless network system comprising a wireless access point wirelessly
communicating with a plurality of first nodes, each of the first nodes delivering data
to the access point by transmitting packets, each of the packets having a header for
recording a ~~first~~ source address code and a destination address code, the access point
comprising a first list for storing a plurality of first addresses, a second list for

15   storing a plurality of second addresses, a receiving module for receiving the packets
transmitted from the first nodes, an identifying module ~~for comparing the first~~
~~address codes of the packets received from the receiving module with the first~~
~~addresses of the first list,~~ and a transmitting module for delivering data to a plurality
of second nodes via a local area network, the method comprising:

20   (a)   utilizing one of the first nodes to transmit a first packet to the access point;

(b)   utilizing the receiving module to receive the first packet transmitted from the
first node;

(c)   utilizing the identifying module to compare the ~~first~~ source address code of the
first packet with the first addresses of the first list and to compare the

25   destination address code of the first packet with the second addresses of the
second list; and

(d)   utilizing the transmitting module to transmit the first packet to one of the

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second nodes if the first source address code of the first packet corresponds to
one of the first addresses of the first list and the destination address code of the
first packet corresponds to one of the second addresses of the second list.

5   Claims 2-4 (Cancelled)

Claim 5 (Original): The method of claim 1 wherein the access point is positioned in a
medium access control (MAC) layer of the wireless network system.

10   Claim 6 (Original): The method of claim 1 wherein the first nodes and the second nodes
are positioned in a physical layer of the wireless network system.

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